

## REQUEST FOR STATEMENTS OF INTEREST AND QUALIFICATIONS

Statements of interest and qualifications will be received at the office of Administrator, Wastewater Treatment Facilities, Stiles Wastewater Treatment Facility, 2303 North Second Street, Memphis TN 38127 until 3 pm, March 13, 2015. The City of Memphis encourages only firms that are exceptionally qualified to submit, meaning that the firms or personnel have previously performed, in a satisfactory and successful manner, very similar projects, including projects that have resulted in revenue and positive cash flow. The following is the project description:

Consulting Engineering services are required to develop a Master Plan for the management of biosolids and biogas generated by the M.C. Stiles Wastewater Treatment Facility located in the City of Memphis.

The Stiles Facility has been using surface disposal methods on land at the facility for the past 30+ years. In 2013, the Stiles Facility generated approximately 38,000 dry tons of waste activated sludge for anaerobic digestion in two covered lagoons. 31,000 dry tons of dewatered sludge employing belt filter press technology at a solids concentration of 16% on average was surfaced disposed in an on-site Surface Disposal Site where it continued to solar dry and then was compacted and overlain with additional biosolids. A third uncovered lagoon which has been partitioned has been used for the storage of waste activated sludge over the years and has been undergoing digestion. Sludge is currently being reclaimed from the northern half of the third lagoon for eventual surface disposal or application on farm land.

Approximately 300,000 dry tons of biosolids are currently stored in the Surface Disposal Site. This Surface Disposal Site is nearing the end of its service life. The City has performed a pilot study utilizing bacteriological testing to produce Class A Exceptional Quality Biosolids from this material by performing additional mechanical drying and laboratory testing. Approximately 164 million cubic feet of biogas was flared in 2013 (net of 99 million cubic feet utilized by a neighboring industrial facility). Note that the biogas from the covered anaerobic lagoons is potentially available as a fuel source for the biosolids management effort.

**A City of Memphis MWBE participation goal of 10% is required.**

Interested firms should clearly describe and list similar projects in which they have participated previously. The name of the proposed project manager and other key individuals shall be provided. In the case of joint proposals, the role of each firm shall be clearly defined.

The City will review the submitted SOQs and rate them based on relevant experience on projects of this size and complexity, experience with 503 regulations, realizing and optimizing revenue streams from biosolids management activities, relevant experience of key personnel to be assigned, and experience with MWBE participation.

Do not provide any proposed design cost information relative to complete these projects with your proposal at this time. Elaborate proposals are neither required nor desired.